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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/091,997	03/05/2002	Andrew Cleasby	CISCO-5029	6400
28661 7590 02/12/2007 SIERRA PATENT GROUP, LTD. 1657 Hwy 395, Suite 202 Minden, NV 89423			EXAMINER SALAD, ABDULLAHI ELMI	
			ART UNIT 2157	PAPER NUMBER
			MAIL DATE 02/12/2007	DELIVERY MODE PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

Supplemental

**Notice of Allowability**

Application No.

10/091,997

Applicant(s)

CLEASBY ET AL.

Examiner

Salad E. Abdullahi

Art Unit

2157

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 11/7/2006.
2. ☒ The allowed claim(s) is/are 1, 2, 4, 6-15, 17, 19-25, 27, and 29-33.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All b) ☐ Some\* c) ☐ None of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date 11/7/2006.
7. ☐ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**Examiner's Amendment**

1. An examiner's amendment to the record appears below. Should changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312.

To ensure consideration of such amendment, it must be submitted no later than the payment of the issue.

2. Authorization for the examiner's amendment was given in a telephone interview with Jonathan Hanish on 11/7/2006.

The application has been amended as follows.

**In the claims**

3. **Please amend the claims as attached.**

4. **Claims 1, 2, 4, 6-15, 17, 19-25, 27, and 29-33 are allowed**

**Reason for allowance**

5. This communication warrants no examiner's reason for allowance, as applicant's reply makes evident the reason for allowance, satisfying the record as whole as required by rule 37 CFR 1.104(e). In this case, the substance of applicant's remarks filed on 10/17/2006 and added claim limitation on 11/7/2006 point out the reason claims are patentable over the prior art of record. Thus, the reason for allowance is in all probability evident from the record and no statement for examiner's reason for allowance is necessary (see MPEP 13202.14).

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6. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Salad E Abdullahi whose telephone number is 571-272-4009. The examiner can normally be reached on 8:30 - 5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ario Etienne can be reached on 571-272-4001. The fax phone number for the organization where this application or proceeding is assigned is **571-273-8300**.

8. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Abdullahi Salad  
Primary examiner  
9/16/2006

  
ABDULLAHISALAD  
PRIMARY EXAMINER

Applicant proposes canceling Claims 5, 18, 28 and amending Claims 1, 6, 14, 19, 24, and 29 as indicated below:

1. (Currently Amended) A method of parsing content received by at least one client coupled to a server, said method comprising:

receiving, by at least one client, a parser from a server;

reconstructing said parser in a web browser operating in said at least one client;

selecting, by said at least one client, a parsing object corresponding to said received content, said parsing object containing at least one parsing rule having at least one expression; and

parsing the received content according to said at least one parsing rule by said at least one client, wherein said parsing the received content includes the acts of:

parsing said received content using a Java portion of the client-side parser, and

placing a call, as needed, into JavaScript for a rule script.

2. (Original) The method of claim 1, wherein said parser is received by said at least one client as a collection of Java classes and a serialized Java object.

3. (Canceled).

4. (Previously Presented) The method of claim 1, wherein the act of receiving, by at least one client, a parser from a server occurs at any time prior to a first parse request.

5. (Canceled).

6. (Currently Amended) The method of claim ~~5~~1, further including the act of combining said at least one expression into a top-level expression.

7. (Original) The method of claim 6, further including the acts of applying said top-level expression to said received content; determining the first best match in the input; and continuing from the end of the last match until the end of said received content is reached.

8. (Original) The method of claim 7, further including the act of dividing said received content into fragments of text, wherein at least some of said fragments comprise text matching a specific one of said at lease one parsing rule.

9. (Original) The method of claim 8, further including the act of defining a tree structure containing said at least one parsing rules and their associated text object.

10. (Original) The method of claim 9, further including the acts of iterating through said tree; executing said rules; and reformatting said received content.

11. (Original) The method of claim 10, wherein as each said rule is executed, an associated rule script is called and executed to reformat said received content.

12. (Original) The method of claim 10, where said rule scripts may be executed at predetermined points in the reformatting process.

13. (Original) The method of claim 10, where said rule scripts may be executed at predetermined points in the parsing process.

14. (Currently Amended) A program storage device readable by a machine, tangibly embodying a program of instructions executable by the machine to perform a method of parsing content received by at least one client coupled to a server, said method comprising the acts of:

receiving, by at least one client, a parser from a server;  
reconstructing said parser in a web browser operating in said at least one client;

selecting, by said at least one client, a parsing object corresponding to said received content, said parsing object containing at least one parsing rule having at least one expression; and

parsing the received content according to said at least one parsing rule by said at least one client, wherein said parsing the received content includes:

parsing said received content using a Java portion of the client-side parser, and

placing a call, as needed, into JavaScript for a rule script.

15. (Original) The device of claim 14, wherein said parser is received by said at least one client as a collection of Java classes and a serialized Java object.

16. (Canceled).

17. (Original) The device of claim 15, wherein the act of receiving, by at least one client, a parser from a server occurs at any time prior to a first parse request.



18. (Canceled).

19. (Currently Amended) The device of claim ~~18~~15, said method further including the act of combining said at least one expression into a top-level expression.

20. (Original) The device of claim 19, said method further including the acts of applying said top-level expression to said received content; determining the first best match in the input; and continuing from the end of the last match until the end of said received content is reached.

21. (Original) The device of claim 20, said method further including the act of dividing said received content into fragments of text, wherein at least some of said fragments comprise text matching a specific one of said at least one parsing rule.

22. (Original) The device of claim 21, said method further including the act of defining a tree structure containing said at least one parsing rules and their associated text object.

11/7/06 2:46 PM Proposed Amendments

23. (Original) The device of claim 22, said method further including the acts of iterating through said tree; executing said rules; and reformatting said received content.

24. (Currently Amended) An apparatus for parsing content received by at least one client coupled to a server, said apparatus comprising:

means for receiving a parser from a server;

means for reconstructing said parser in a web browser operating in said at least one client;

means for selecting, by said at least one client, a parsing object corresponding to said received content, said parsing object containing at least one parsing rule having at least one expression; and

means for parsing the received content according to said at least one parsing rule by said at least one client, wherein said means for parsing the received content include:

means for parsing said received content using a Java portion of the client-side parser, and

means for placing a call, as needed, into JavaScript for a rule script.

25. (Original) The apparatus of claim 24, wherein said parser is received by said at least one client as a collection of Java classes and a serialized Java object.

26. (Canceled).

27. (Original) The apparatus of claim 25, wherein the act of receiving, by at least one client, a parser from a server occurs at any time prior to a first parse request.

28. (Canceled).

29. (Currently Amended) The apparatus of claim ~~28~~25, said method further including means for combining said at least one expression into a top-level expression.

30. (Original) The apparatus of claim 29, said method further including means for applying said top-level expression to said received content; means for determining the first best match in the input; and means for continuing from the end of the last match until the end of said received content is reached.

31. (Original) The apparatus of claim 30, said method further including means for dividing said received content into fragments of text, wherein at least some of said fragments comprise text matching a specific one of said at least one parsing rule.

32. (Original) The apparatus of claim 31, said method further including means for defining a tree structure containing said at least one parsing rules and their associated text object.

33. (Original) The apparatus of claim 32, said method further including means for iterating through said tree; executing said rules; and reformatting said received content.